

US EPA ARCHIVE DOCUMENT

Oil Sample Analysis Report

U. S. EPA Region V

Case / Activity Number E10527

Marine Safety Laboratory

Case Number 10-288



U.S. Department of
Homeland Security

**United States
Coast Guard**



Manager
U.S. Coast Guard
Marine Safety Laboratory

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16450
06 Aug 2010

MEMORANDUM

From: *Kristy Juairé*
K. Juairé
CG MSL

To: U. S. EPA Region V

Subj: OIL SAMPLE ANALYSIS REPORT, MSL CASE NUMBER 10-288
UNIT CASE / ACTIVITY NUMBER E10527

1. The laboratory analysis of this case has been completed and our report is forwarded. The technical data supporting the report (spectrograms and chromatograms) have been archived at our facility and are available upon request. We will maintain the oil samples in refrigerated storage pending final case disposition.

2. Questions concerning this report or the analytical methods used should be directed to the Supervisor of Analysis, Kristy Juairé.

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Enclosure: (1) MSL Report 10-288

**United States Coast Guard
Marine Safety Laboratory
Oil Spill Identification Report
10-288**

Requestor: U. S. EPA Region V

Unit Case/Activity Number: E10527

Received: 05-Aug-10 **Via:** Federal Express 7989 1663 0858/0891/0961

Number Of Samples: 3

Lab NO. of Spills: 1, 2 and 3

Lab NO. of Suspects: n/a

Lab NO. of Background: n/a

Analysis Methods:

- GAS CHROMATOGRAPHY (GC)
- GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)
- INFRARED SPECTROSCOPY (IR)

Laboratory's Conclusion (as explained below): OTHER

SPECIAL INSTRUCTIONS: Compare the samples to MSL Case 10-275. Samples 10-275-1 and 2 were reanalyzed as representative source samples.

RESULTS:

1. Samples 10-288-1, 2 and 3 were specified to be representative of spilled oil. None of these samples contain a quantity of petroleum oil sufficient for identification or comparison purposes based on the analysis conducted.
2. Suspected source samples 10-275-1 and 2 contain heavy petroleum oil.

CONCLUSIONS:

1. Samples 10-288-1, 2 and 3 do not contain a quantity of petroleum oil sufficient for identification or comparison purposes based on the analysis conducted.

SUPERVISOR OF ANALYSIS

K. JUAREZ



DATE

06-Aug-10